

LISTING OF CLAIMS

1. (Original) Tactile interface, characterised in that it comprises a row of rotating pins (4) mounted on corresponding supports and forming a layer (5) on which a user places the fleshy part of a finger, and a support spacing adjustment mechanism (6).

2. (Original) Tactile interface set forth in claim 1, characterised in that the pins are parallel.

3. (Currently Amended) Tactile interface set forth in ~~either claim 1 or 2~~
claim 1, characterised in that the pins are provided with edges.

4. (Currently Amended) Tactile interface set forth in ~~any one of claims 1 to 3~~
claim 1, characterised in that the supports slide on guide ways and the spacing adjustment mechanism comprises connections in a parallelogram arrangement between the supports and a means for moving one of the supports.

5. (Currently Amended) Tactile interface set forth in ~~any one of claims 1 to 4~~
claim 1, characterised in that it includes a frame (14) on which the pin supports are mounted free to move, at least one pin drive motor (9) mounted fixed onto the frame, and transmissions (10) between the motor and the various pins and comprising first universal joints adjacent to the motor and second universal joints adjacent to the pins, and telescopic transmission bars between the first universal joints and the second universal joints.

6. (Currently Amended) Tactile interface set forth in ~~any one of the above claims~~
claim 1, characterised in that it includes a temperature variation module placed under the layer of pins.

7. (New) Tactile interface set forth in claim 2, characterised in that the pins are provided with edges.

8. (New) Tactile interface set forth in claim 2, characterised in that the supports slide on guide ways and the spacing adjustment mechanism comprises

connections in a parallelogram arrangement between the supports and a means for moving one of the supports.

9. (New) Tactile interface set forth in claim 3, characterised in that the supports slide on guide ways and the spacing adjustment mechanism comprises connections in a parallelogram arrangement between the supports and a means for moving one of the supports.

10. (New) Tactile interface set forth in claim 2, characterised in that it includes a frame (14) on which the pin supports are mounted free to move, at least one pin drive motor (9) mounted fixed onto the frame, and transmissions (10) between the motor and the various pins and comprising first universal joints adjacent to the motor and second universal joints adjacent to the pins, and telescopic transmission bars between the first universal joints and the second universal joints.

11. (New) Tactile interface set forth in claim 3, characterised in that it includes a frame (14) on which the pin supports are mounted free to move, at least one pin drive motor (9) mounted fixed onto the frame, and transmissions (10) between the motor and the various pins and comprising first universal joints adjacent to the motor and second universal joints adjacent to the pins, and telescopic transmission bars between the first universal joints and the second universal joints.

12. (New) Tactile interface set forth in claim 4, characterised in that it includes a frame (14) on which the pin supports are mounted free to move, at least one pin drive motor (9) mounted fixed onto the frame, and transmissions (10) between the motor and the various pins and comprising first universal joints adjacent to the motor and second universal joints adjacent to the pins, and telescopic transmission bars between the first universal joints and the second universal joints.

13. (New) Tactile interface set forth in claim 2, characterised in that it includes a temperature variation module placed under the layer of pins.

14. (New) Tactile interface set forth in claim 3, characterised in that it includes a temperature variation module placed under the layer of pins.

15. (New) Tactile interface set forth in claim 4, characterised in that it includes a temperature variation module placed under the layer of pins.

16. (New) Tactile interface set forth in claim 5, characterised in that it includes a temperature variation module placed under the layer of pins.

17. (New) Tactile interface set forth in claim 6, characterised in that it includes a temperature variation module placed under the layer of pins.